

FIG. 1.

First-Level Name Table

Human-readable request name (First Level Name)	Low-level Data Objects	
	Root Object (priority=1)	Other Data Objects (In order of Priority)
URL1	5	12, 2, 6, 4, 16
URL2	10	3, 4, 82
URL3	9	12, 4, 15
URL4	9	3, 4, 15
...
URL n	3	12, 4, 2, 17
nickname1	5	12, 2, 6, 4, 16
nickname2	5	12, 2, 6, 4, 16
...
nickname m	3	12, 4, 2, 17

FIG. 2

LOW-LEVEL DATA OBJECT LOCATOR TABLE

Data Object Name (integer)	Total number of Time Object is sent	Size (bytes)	Band-width (Kbit/s)	Protocol Type	Location
				0=MPEG; 1=Multi-cast IP	Protocol type=MPEG: TransportID(tuner freq) .programID.tableID.extendedtableID Protocol type=Multicast IP: Multicast IP address, UDP Port Number, Extended Table ID
1	10	1880	2	0	16.14.06.01
2	5	564	4	0	5.12.12.22
3	10	564	2	0	6.07.07.01
4	2	1128	1	0	3.06.07.01
12	2	564	2	1	225.0.0.1, 500, 1000
15	3	188	6	0	1.02.07.01
18	15	1504	12	0	3.06.07.02
...

FIG. 3

SAMPLE
PROCESS FLOW DIAGRAM
FOR OBTAINING THE FIRST-LEVEL NAME TABLE

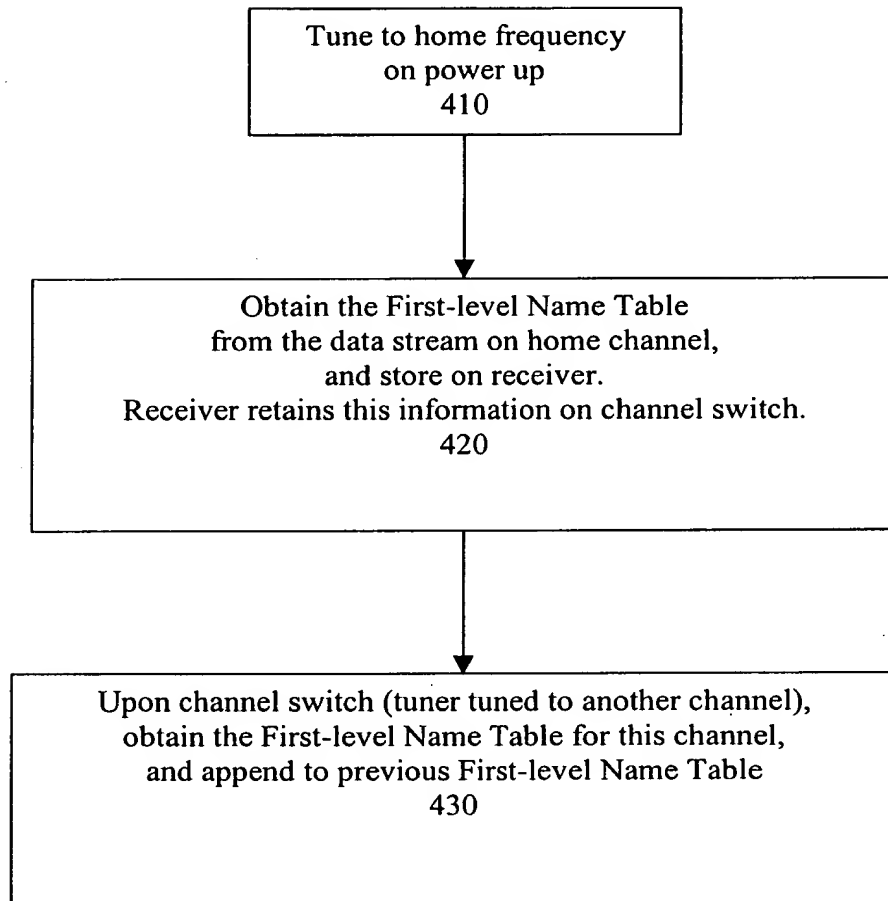


FIG. 4

SAMPLE
PROCESS FLOW DIAGRAM
FOR OBTAINING A LOCATOR TABLE

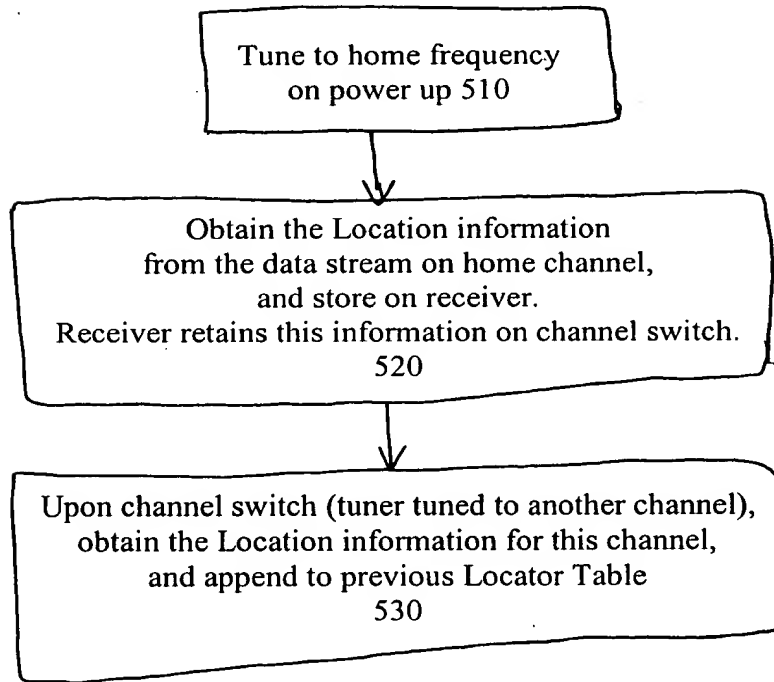


FIG. 5

PROCESS FLOW DIAGRAM FOR RESPONDING TO A USER REQUEST

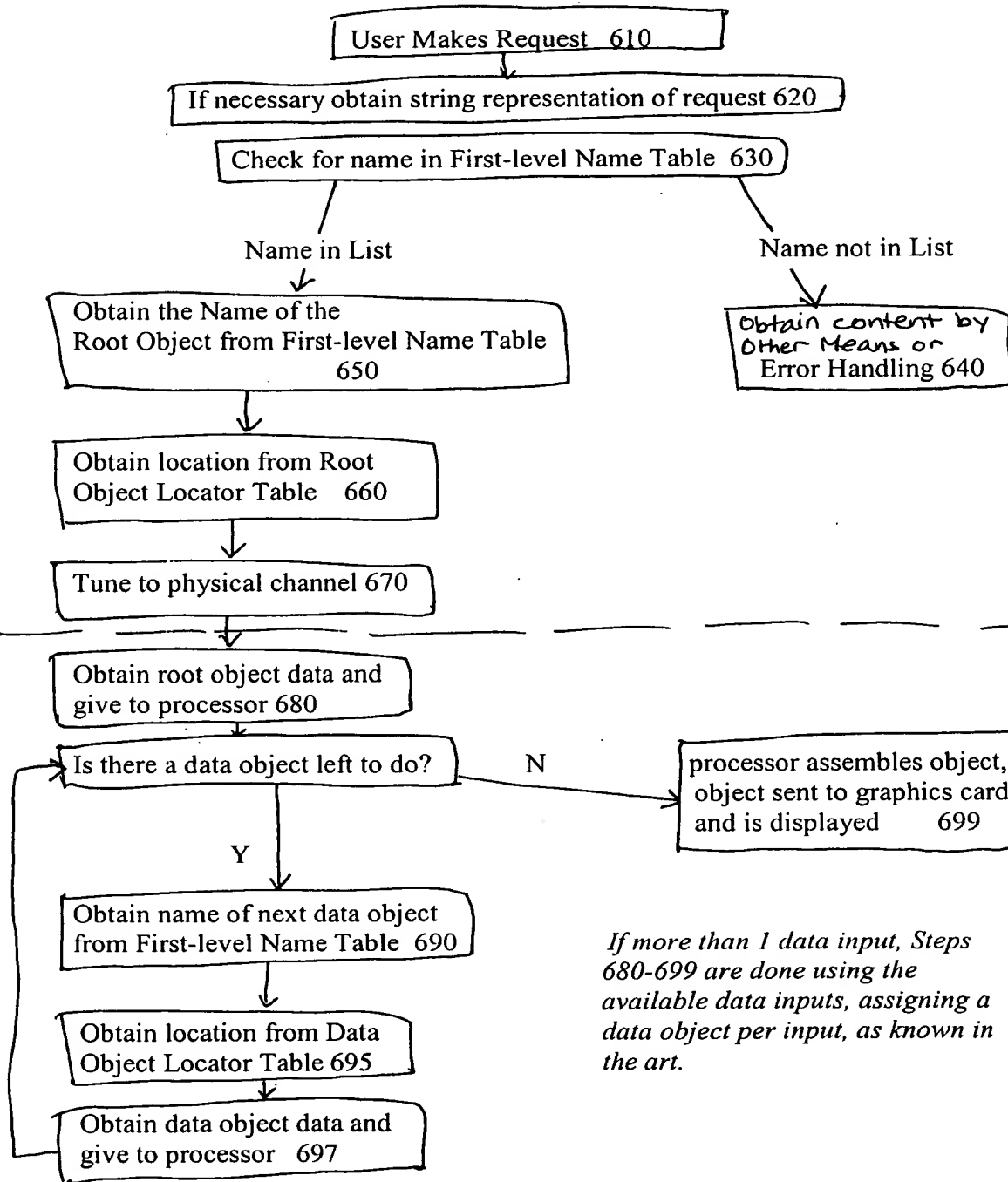


FIG. 6

Schematic Drawing of a Root Object

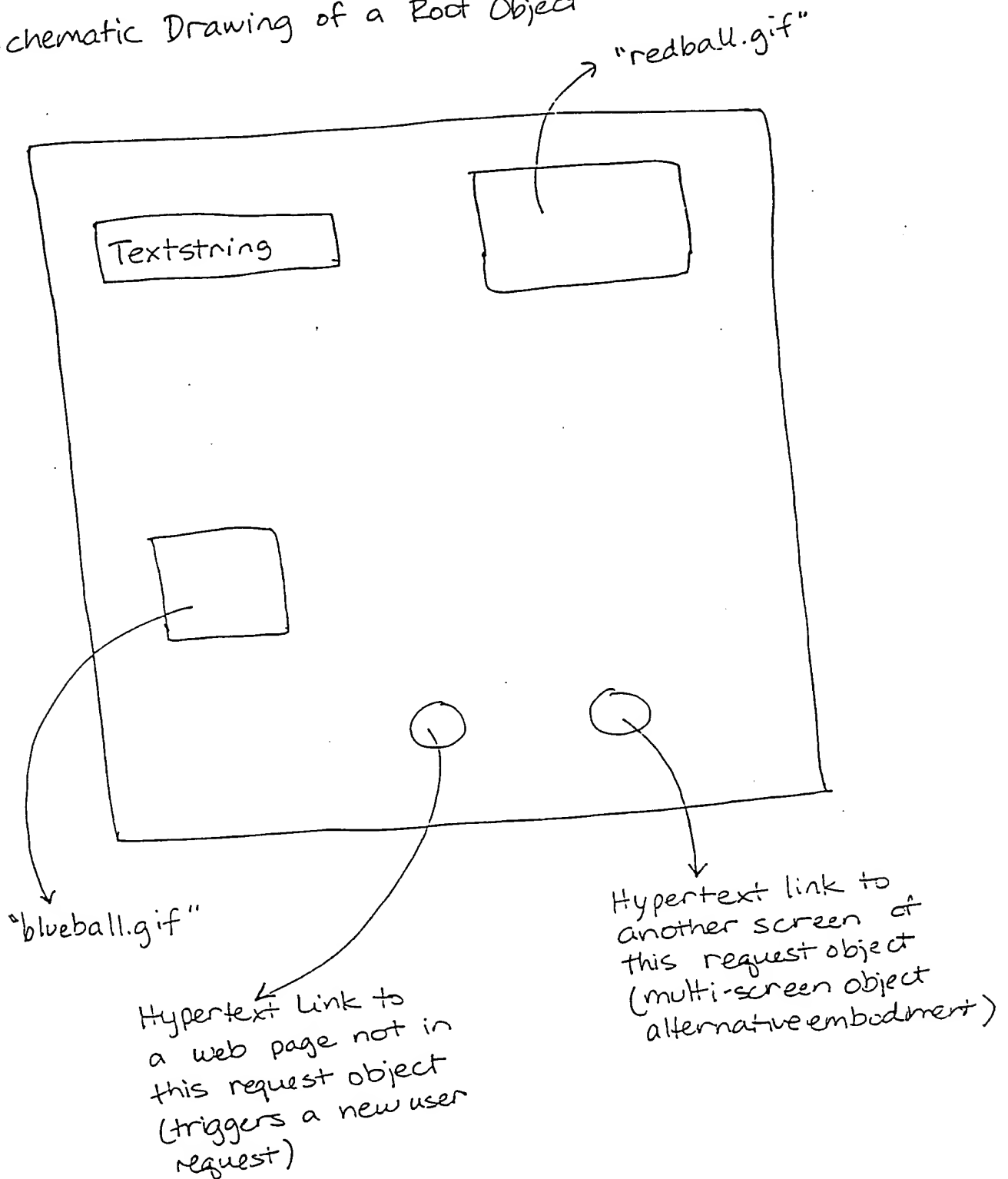


FIG. 7



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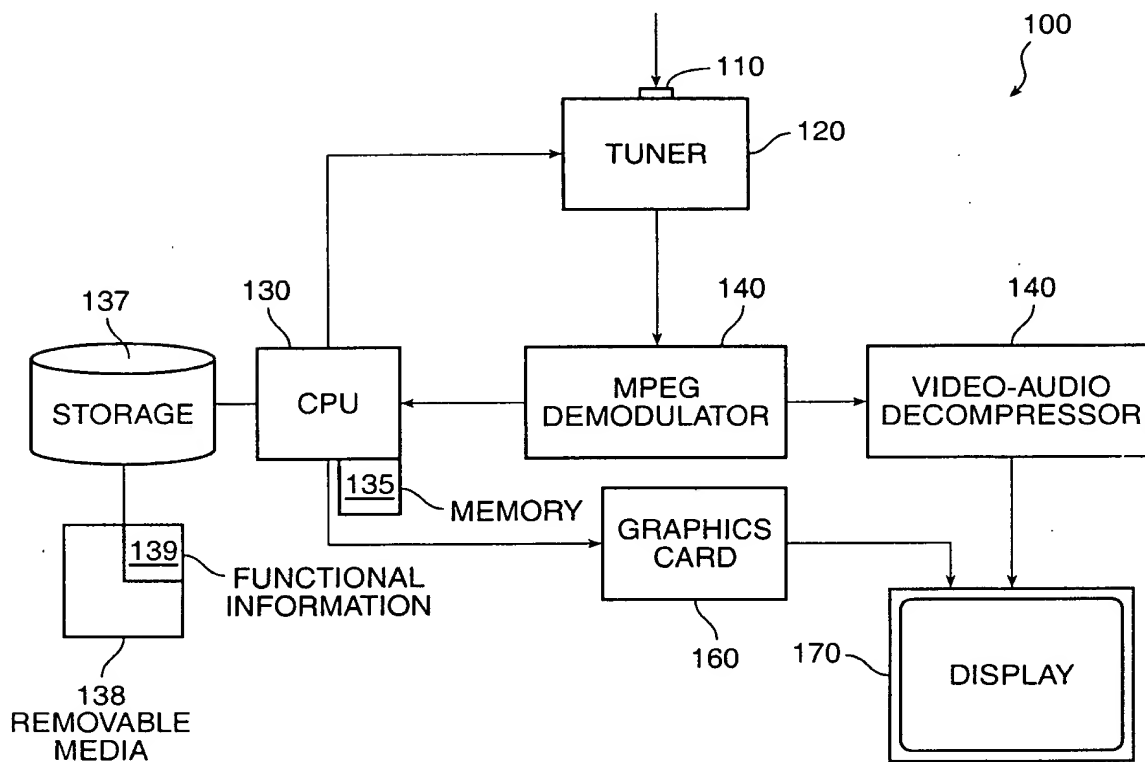


FIG. 1

FIRST-LEVEL NAME TABLE

HUMAN-READABLE REQUEST NAME (FIRST LEVEL NAME)	LOW-LEVEL DATA OBJECTS	
	ROOT OBJECT (PRIORITY=1)	OTHER DATA OBJECTS (IN ORDER OF PRIORITY)
URL1	5	12,2,6,4,16
URL2	10	3,4,82
URL3	9	12,4,15
URL4	9	3,4,15
...
URL_n	3	12,4,2,17
NICKNAME1	5	12,2,6,4,16
NICKNAME2	5	12,2,6,4,16
...
NICKNAME_m	3	12,4,2,17

FIG. 2

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LOW-LEVEL DATA OBJECT LOCATOR TABLE

DATA OBJECT NAME (INTEGER)	TOTAL NUMBER OF TIMES OBJECT IS SENT	SIZE (BYTES)	BAND- WIDTH (KBIT/s)	PROTOCOL TYPE	LOCATION
				0=MPEG; 1=MULTI- CAST IP	Protocol Type=MPEG: TransportID (tuner freq).programID.tableID.extendedtableID Protocol Type=Multicast IP: Multicast IP address, UDP Port Number, Extended Table ID
1	10	1880	2	0	16.14.06.01
2	5	564	4	0	5.12.12.22
3	10	564	2	0	6.07.07.01
4	2	1128	1	0	3.06.07.01
12	2	564	2	1	225.0.0.1,500,1000
15	3	188	6	0	1.02.07.01
18	15	1504	12	0	3.06.07.02
...

FIG. 3

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**SAMPLE PROCESS FLOW DIAGRAM
FOR OBTAINING THE FIRST-LEVEL NAME TABLE**

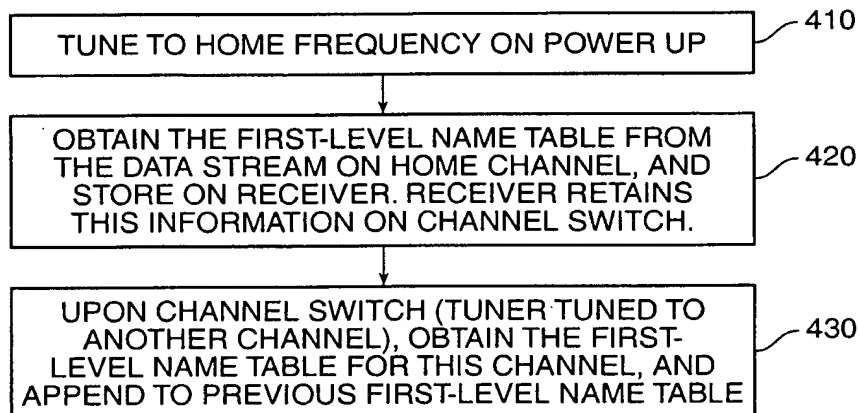


FIG. 4

**SAMPLE PROCESS FLOW DIAGRAM
FOR OBTAINING A LOCATOR TABLE**

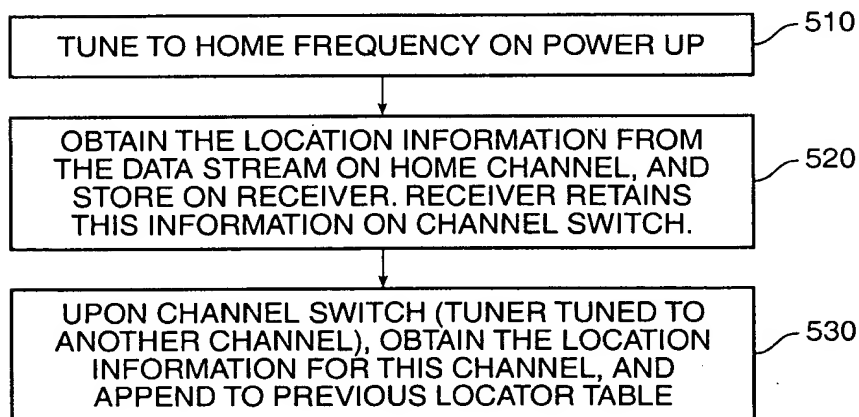


FIG. 5

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**PROCESS FLOW DIAGRAM
FOR RESPONDING TO A USER REQUEST**

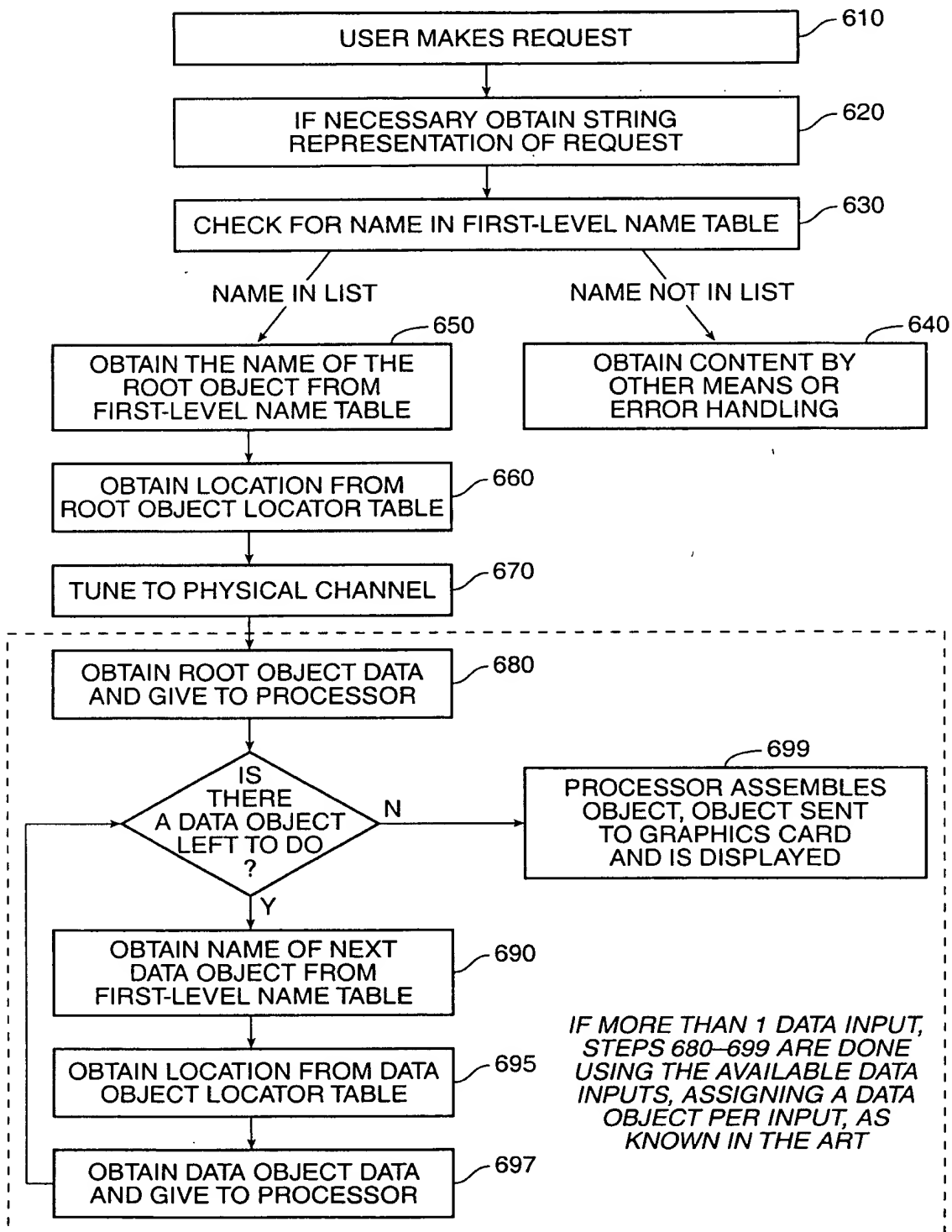


FIG. 6

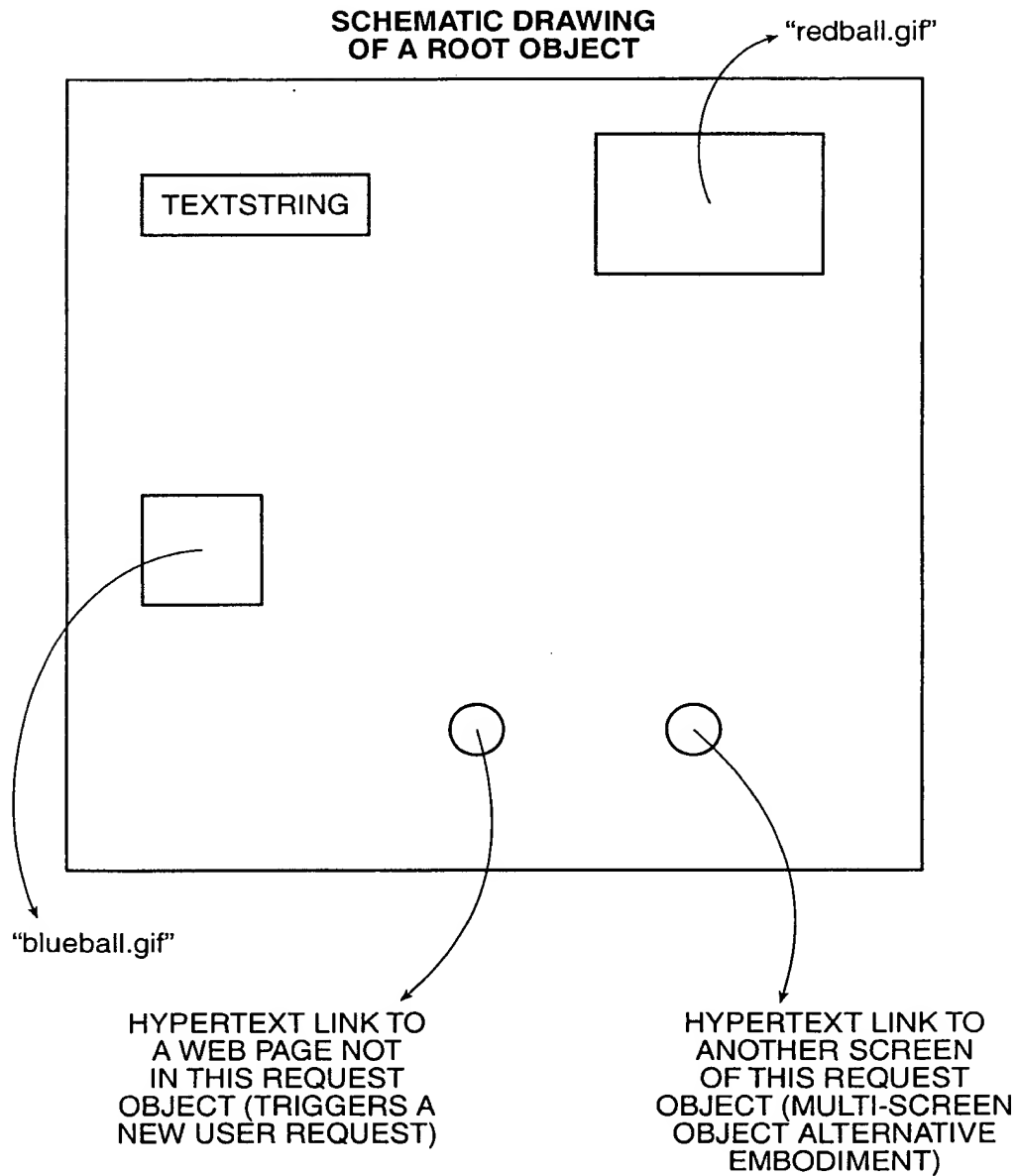


FIG. 7

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